

### Amendments to the Claims

This listing of the claims will replace all prior versions and listings of claims in the application.

#### Listing of Claims:

1. (Currently Amended) A multi-lamp backlight system comprising:

a core;

a first coil set wrapped around the core, to which a first AC voltage is applied;

a second coil set and a third coil set wrapped around the core and respectively disposed on first and second sides of the first coil set, on which second and third AC voltages are induced by the first AC voltage signal applied to the first coil set respectively, wherein the number of coils in the second and third coil sets are substantially the same; ~~and~~

a first lamp and a second lamp supplied with power by the second and third AC voltages respectively[.];

a first driving circuit providing the first AC voltage; and

a plurality of fourth coil sets and a plurality of third lamps, wherein numbers of coils of the fourth coil sets are substantially the same, the fourth coil sets are symmetrically disposed on first and second sides of the first coil set, the first AC voltage applied to the first coil set induces a fourth AC voltage on each of the fourth coil sets and the third lamps are supplied with power by the fourth AC voltages

2-10. (Canceled)

11. (Currently Amended) ~~The system as claimed in claim 8 further comprising~~ A multi-lamp backlight system comprising:

a core;

a first coil set wrapped around the core, to which a first AC voltage is applied;

a second coil set and a third coil set wrapped around the core and respectively disposed on first and second sides of the first coil set, on which second and third AC

voltages are induced by the first AC voltage signal applied to the first coil set respectively, wherein the number of coils in the second and third coil sets are substantially the same;

a first lamp and a second lamp supplied with power by the second and third AC voltages respectively;

a first driving circuit providing the first AC voltage;

a fifth coil set wrapped around the core, and having a first end coupled to a first end of the first coil; and

a plurality of sixth coil sets and a plurality of fourth lamps, wherein number of coils of the sixth coil sets are substantially the same, the sixth coil sets are symmetrically disposed on first and second sides of the first and fifth coil sets so that the first and fifth coil sets are disposed between the sixth coil sets, the first AC voltage applied to the first coil set induces a seventh AC voltage on each of the sixth coil sets, and the fourth lamps are supplied with power by the seventh AC voltages.

12-23. (Canceled)